



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

- Allen, Mrs. Amelia S., 37 Mosswood Road, Berkeley. 1913.
- Ames, Miss Isabel, 3605 20th St., San Francisco. 1920.
- Anderson, Mrs. Malcolm P., 1419 Versailles St., Alameda. 1920.
- Anderson, Dr. Rudolph M., Biol. Div., Geol. Survey, Ottawa, Ont., Canada. 1916.
- Andrews, E. R., 315 E. 19th St., Oakland. 1920.
- *Appleton, J. S., 1332 Citrus Ave., Hollywood. 1901.
- Armstrong, Edward E., 2249 Calumet Ave., Chicago, Ill. 1914.
- Arnold, E., Grand Trunk Ry., Montreal, Que., Canada. 1909.
- Arnold, Dr. Ralph, 825 Union Oil Bldg., Los Angeles. 1893.
- Arnold, Dr. W. W., 504 N. Nevada Ave., Colorado Springs, Colo. 1911.
- Arthur, Stanley Clisby, Dept. of Conservation, New Orleans, La. 1918.
- Atkinson, W. L., 35 Hawthorne Way, San Jose. 1901.
- Atsatt, Miss Sarah R., 345 S. Serrano Ave., Los Angeles. 1911.
- Austin, Lloyd, 2809 Forrest Ave., Berkeley. 1920.
- Ayer, Ethel C., 1301 Jackson St., Oakland. 1920.
- Badé, Wm. F., 2616 College Ave., Berkeley. 1903.
- Badger, M. C., Santa Paula. 1915.
- Bailey, Alfred M., Biol. Survey, Washington, D. C. 1917.
- Bailey, Bernard, R.D. 1, Box 97, Elk River, Minn. 1911.
- *Bailey, Florence M. (Mrs. Vernon), 1834 Kalorama Road, Washington, D. C. 1910.
- Bailey, H. H., 319 54th St., Newport News, Va. 1903.
- Bailey, Vernon, 1834 Kalorama Road, Washington, D. C. 1904.
- Baisley, W. Denton, 445 Oak St., Glendale. 1920.
- Baldwin, S. G., 832 Kipling Ave., Palo Alto. 1920.
- Bales, Dr. B. R., 149 W. Main St., Circleville, Ohio. 1906.
- Ballard, Maria V., 1917 Baker St., San Francisco. 1919.
- Bamford, Mrs. G. L., 1428 Castro St., Oakland. 1918.
- Bancroft, Griffing, Cuyamaca Club, San Diego. 1920.
- Bangs, Outram, Museum Comp. Zool., Cambridge, Mass. 1906.
- Barker, Fred, Parkers Prairie, Minn. 1914.
- Barnes, Claude T., 359 10th Ave., Salt Lake City, Utah. 1915.
- Barnes, R. Magoon, Lacon, Ill. 1908.
- Barrows, Prof. Walter B., Box 1047, East Lansing, Mich. 1909.
- Bassett, F. N., 1338 8th St., Alameda. 1919.
- Batchelder, Chas. F., 7 Kirkland St., Cambridge, Mass. 1910.
- *Beck, Rollo H., R.D. 21, San Jose. 1894.
- Bell, B. C., 235 8th St., San Francisco. 1919.
- Bennett, R. H., 246 Southern Pacific Bldg., San Francisco. 1909.
- Bent, A. C., 140 High St., Taunton, Mass. 1909.
- Benton, Thos. H., Jr., 2821 Van Buren St., Alameda. 1916.
- Bergtold, Dr. W. H., 1159 Race St., Denver, Colo. 1917.
- Bicknell, Mrs. F. T., 319 S. Normandie Ave., Los Angeles. 1913.
- Bigelow, Homer L., 37 Old Orchard Road, Chestnut Hill, Mass. 1910.
- Bishop, Dr. Louis B., 365 Orange St., New Haven, Conn. 1904.
- Blake, Mrs. Edwin T., 2233 Piedmont Ave., Berkeley. 1917.
- Blayne, Nita A., 920 O St., Fresno. 1911.
- Bliss, John D., Pozo, San Luis Obispo Co. 1916.
- Boeing, W. E., The Highlands, R.D. 2, Seattle, Wash. 1914.
- Bolander, L. Ph., Jr., 1947 E. 28th St., Oakland. 1907.
- Bolt, B. F., 1421 Prospect Ave., Kansas City, Mo. 1916.
- Borell, Adrey E., 227 Calaveras Ave., Fresno. 1918.
- Bowdish, B. S., Demarest, N. J. 1910.
- Bowles, J. H., The Woodstock, Tacoma, Wash. 1903.
- Boyle, Ashby D., 380 E. St., Salt Lake City, Utah. 1915.
- Boynton, Charles T., 1005 S. Sheridan Road, Highland Park, Ill. 1919.
- *Bradbury, W. C., 1440 Race St., Denver, Colo. 1913.
- Braislín, Dr. William C., 425 Clinton Ave., Brooklyn, N. Y. 1910.
- Brandt, H. W., 2025 E. 88th St., Cleveland, Ohio. 1914.
- Bridges, Mrs. Harriette W., 2628 Benvenue Ave., Berkeley. 1918.
- Brooks, Major Allan, Okanagan Landing, B. C., Canada. 1906.
- Brooks, L., Box 539, New Bedford, Mass. 1913.
- Brouse, W. A., 3623 5th Ave., Los Angeles. 1916.

- Brown, Arthur G., 359 Monadnock Bldg., San Francisco. 1920.
- Brown, D. E., 2452 Beacon Ave., Seattle, Wash. 1909.
- *Brown, Edward J., 1609 S. Van Ness Ave., Los Angeles. 1915.
- Brown, G. Franklin, Needham, Mass. 1918.
- Brown, Mrs. Herbert, 434 E. 2d St., Tucson, Ariz. 1914.
- Brown, W. W., Jr., Long Beach. 1909.
- Brownlee, Mrs. W. L., 912 S. Carondelet St., Los Angeles. 1919.
- Brune, Leo, Grand Dalles, Wash. 1919.
- Bryant, Dr. Harold C., Museum Vert. Zool., Berkeley. 1910.
- Bull, Daniel Bernard, 731 E. St. James St., San Jose. 1919.
- Burk, Genevieve S., 1847 Bancroft Way, Berkeley. 1920.
- Burleigh, Thos. D., 825 N. Negley Ave., Pittsburgh, Pa. 1918.
- Burnett, W. L., State Agr. Coll., Fort Collins, Colo. 1910.
- Burnham, Dr. Clark, Bushnell Place, Berkeley. 1907.
- Burnham, John, Timken Bldg., San Diego. 1920.
- Burns, Frank L., Berwyn, Pa. 1909.
- Burtch, Verdi, Branchport, N. Y. 1910.
- Buturlin, Sergius A., Wessenberg, Esthonia, Russia. 1909.
- Caduc, E. E., 531 Massachusetts Ave., Boston, Utah. 1917.
- Calder, James A., 60 E. 4th South St., Salt Lake City, Utah. 1917.
- Camp, Chas. L., Amer. Museum Nat. Hist., New York, N. Y. 1909.
- Cantwell, George G., Puyallup, Wash. 1915.
- Carpenter, N. K., 4802 Utah St., San Diego. 1901.
- Carriger, H. W., 5185 Trask Ave., Oakland. 1895.
- Case, Rev. Bert F., Tolland, Conn. 1913.
- Case, C. M., 306 Blue Hills Ave., Hartford, Conn. 1911.
- Chamberlain, C. W., 36 Lincoln St., Boston, Mass. 1912.
- *Chambers, W. Lee, Eagle Rock. 1897.
- Chapman, Frank M., Amer. Museum Nat. Hist., New York, N. Y. 1903.
- Cheesman, M. R., R.D. 1, Rivera. 1919.
- Cheney, Miss Mary, South Manchester, Conn. 1919.
- *Childs, John Lewis, Floral Park, N. Y. 1904.
- Clark, Josiah H., 238 Broadway, Patterson, N. J. 1910.
- Clark, Walter, 424 S. Broadway, Santa Ana. 1919.
- Clay, C. Irvin, Box 353, Eureka. 1910.
- Clifton, H. T., 509 E. Walnut St., Pasadena. 1904.
- Coale, Henry K., Highland Park, Ill. 1907.
- Coffin, Robert L., Mass. Agr. Exp. Station, Amherst, Mass. 1920.
- Coggins, Herbert L., 2929 Piedmont Ave., Berkeley. 1910.
- Cohen, Donald A., 2618 Lincoln St., Alameda. 1901.
- *Colburn, A. E., 806 S. Broadway, Los Angeles. 1905.
- Cole, Mrs. A. H., 2827 Hillegass Ave., Berkeley. 1917.
- Cole, F. R., Box 575, Palo Alto. 1920.
- Cook, Fred'k W., 1604 Harrison St., Seattle, Wash. 1919.
- Cooke, Miss M. T., 1328 12th St., Washington, D. C. 1918.
- Cookman, Alfred, 1448 4th St., Santa Monica. 1912.
- Cooper, J. S., 827 54th St., Oakland. 1903.
- Cope, Francis R., Jr., Dimock, Penn. 1919.
- Cox, H. E., care C. H. Reed Co., San Luis Obispo. 1916.
- Cox, Richard, 3d, 5401 Belgrave Place, Oakland. 1919.
- Crane, Ada Ethel, Box 607, Westwood. 1914.
- Craven, Jesse T., 811 Roosevelt Ave., Detroit, Mich. 1909.
- Crosby, Maunsell S., Grasmere Farms, Rhinebeck, N. Y. 1911.
- Crum, Miss Ethel, Bret Harte Inn, Grass Valley. 1920.
- Culver, Susan B., 2423 Prospect St., Berkeley. 1914.
- Cummings, Byron, Univ. Ariz., Tucson, Ariz. 1916.
- Currier, Ed. S., 416 E. Chicago St., St. Johns Sta., Portland, Ore. 1904.
- Davenport, Mrs. Elizabeth B., Northern Ave., Brattleboro, Vt. 1911.
- Davidson, Pirie, East Hall, Univ. Cal., Berkeley. 1916.
- Davies, A. E., 1327 Grove St., Berkeley. 1920.
- Davis, Benjamin J., 2525 Piedmont Ave., Berkeley. 1916.
- Davis, Dr. Fred B., 401 Vernon St., Oakland. 1916.
- Davis, J. M., 811 O St., Eureka. 1908.
- *Dawson, W. Leon, R.D. 3, Box 83, Santa Barbara. 1906.
- Day, Chester S., 15 Custom House St., Boston, Mass. 1910.
- Dean, W. F., Three Rivers. 1901.
- Deane, Ruthven, 112 W. Adams St., Chicago, Ill. 1904.

- Deane, Wallace A., 1266 Columbia Road, Washington, D. C. 1919.
- Deane, Walter, 29 Brewster St., Cambridge, Mass. 1907.
- Dearborn, Ned, Linden, Md. 1909.
- Decker, F. R., Kiona, Wash. 1913.
- DeGroat, Dudley S., Normal Hill Center, Los Angeles. 1916.
- Dice, Dr. Lee R., Museum of Zoology, Ann Arbor, Mich. 1914.
- Dickenson, A. B., 1510 Girard St., Los Angeles. 1916.
- *Dickey, Donald R., San Rafael Heights, Pasadena. 1910.
- Dille, F. M., Valentine, Neb. 1903.
- Dings, G. M., 5715 Von Versen Ave., St. Louis, Mo. 1920.
- Dixon, Joseph, Museum Vert. Zool., Berkeley. 1904.
- Dodge, Laura I., 3031 Eliot St., Long Beach. 1915.
- Dodge, Ralph E., 225 Pacific Ave., Santa Cruz. 1915.
- Dodge, Mrs. Rowland B., 2234 Piedmont Ave., Berkeley. 1920.
- Drachman, Myra, 3031 Eliot St., Long Beach. 1915.
- DuBois, Alexander Dawes, 327 S. Glenwood Ave., Springfield, Ill. 1911.
- Duprey, H. F., R.D. 1, Box 78B, Dixon. 1907.
- Durfee, Owen, Box 125, Fall River, Mass. 1911.
- Dutcher, William, 949 Park Ave., Plainfield, N. J. 1905.
- Dwight, Dr. Jonathan, Jr., 43 W. 70th St., New York, N. Y. 1904.
- Eaton, S. Harrison, Box 653, Lawrenceville, Ill. 1916.
- Edson, J. M., Marietta Road, Bellingham, Wash. 1911.
- Edwards, H. Arden, R.D. 1, Box 284, Los Angeles. 1913.
- *Eggleston, Prof. Julius W., 239 William St., New London, Conn. 1913.
- Emerson, W. Otto, Palm Cottage, Hayward. 1920.
- Esterly, Dr. C. O., Occidental College, Los Angeles. 1908.
- Evans, Frank C., Crawfordsville, Ind. 1918.
- Evans, J. Harold, R.D. 4, Box 500, Santa Rosa. 1917.
- Evermann, Dr. Barton W., Cal. Acad. Sciences, San Francisco. 1911.
- Falger, Annie M. (Mrs. Wm.), Modesto. 1917.
- Fargo, Mrs. Minerva J., 1632 N. Kingsley Drive, Los Angeles. 1914.
- Felger, A. H., North Side High School, Denver, Colo. 1920.
- Felton, Mrs. C. N., Menlo Park. 1916.
- Ferguson, Elizabeth, 1 Mosswood Road, Berkeley. 1918.
- Ferguson, Mrs. Mary Van E., 1 Mosswood Road, Berkeley. 1915.
- Field, Mrs. Chas. A., 534 27th St., Oakland. 1916.
- Field, Clyde, 1859 Julian Ave., San Diego. 1919.
- Field, Dr. George W., Biol. Survey, Washington, D. C. 1918.
- Finley, Wm. L., 651 E. Madison St., Portland, Ore. 1900.
- Fish, Mrs. Frances Webster, 2325 Piedmont Ave., Berkeley. 1917.
- Fisher, Dr. A. K., Biol. Survey, Washington, D. C. 1904.
- Fisher, Miss Elizabeth W., 2222 Spruce St., Philadelphia, Pa. 1910.
- Fisher, Walter K., Stanford Marine Laboratory, Pacific Grove. 1900.
- Fitzpatrick, T. J., Bethany, Neb. 1913.
- Fleming, J. H., 267 Rusholme Road, Toronto, Ont., Canada. 1910.
- Fletcher, Lyle R., Box 455, Norton, Kan. 1920.
- Flint, Wm. R., 244 N. Madison Ave., Pasadena. 1912.
- Flinn, Catharine Mills, 1799 University Ave., Berkeley. 1920.
- Flynn, Helen, 1546 Shattuck Ave., Berkeley. 1920.
- Forbush, E. H., State House, Boston, Mass. 1916.
- Forrest, Earle R., 261 Locust Ave., Washington, Pa. 1910.
- Fortiner, John C., Brawley. 1910.
- Fowler, Frederick H., 221 Kingsley Ave., Palo Alto. 1901.
- French, James G., The Menagerie, 3628 Saanich Road, Victoria, B. C., Canada. 1918.
- Frye, T. C., Univ. Wash., Seattle, Wash. 1919.
- Fuertes, Louis A., 201 Wyckoff Ave., Ithaca, N. Y. 1904.
- Furber, John J., Klamath Falls, Ore. 1918.
- Gabrielson, Ira N., 220 P. O. Bldg., Portland, Ore. 1919.
- Gartrell, Geo. N., Summerland, B. C., Canada. 1917.
- Gault, Benj. T., 2313 Washington Blvd., Chicago, Ill. 1905.
- Gay, Harold S., 200 S. Wilson Ave., Alhambra. 1901.
- Geiselhart, Josephine, Concord. 1920.
- Germain, Miss Claire, 3906 W. 1st St., Los Angeles. 1915.
- Gianini, Chas. A., Poland, N. Y. 1919.

- Gifford, Dr. Harold, 420 S 36th St., Omaha, Neb. 1916.
- Giles, Roscoe I., 82 Newton St., Marlborough, Mass. 1917.
- Gilman, M. French, Banning. 1901.
- Girvin, F. H., Brawley Hardware Co., Brawley. 1919.
- Goelitz, Herman, 331 Seneca Parkway, Rochester, N. Y. 1920.
- Goelitz, Walter A., 376 Flower City Park, Rochester, N. Y. 1915.
- Goethe, C. M., Capital Natl. Bank Bldg., Sacramento. 1915.
- Goldman, E. A., Biol. Survey, Washington, D C. 1901.
- Goldman, Luther J., Pendleton, Idaho. 1902.
- Goodcell, Mrs. Marion L., 864 D St., San Bernardino. 1914.
- Gormley, A. L., Box 80, Arnprior, Ont., Canada. 1918.
- Gosse, Capt. Philip, Saville Club, 107 Piccadilly W., London, England. 1917.
- Gould, Joseph E., Box 126, Arcadia, Fla. 1909.
- Grant, U. S., 4th, Harvard Club, 27 W. 44th St., New York, N. Y. 1909.
- Granville, Fred L., Box 93, Universal City. 1910.
- Green, Mrs. Millard L., 247 E. Sea Side Blvd., Long Beach. 1920.
- Greenleaf, Joseph T., Jr., 602 14th St. N., Seattle, Wash. 1920.
- Grey, Henry, R.D. 2, Box 154A, San Diego. 1901.
- Griffee, Bill, R.D. 3, Box 68, Corvallis, Ore. 1919.
- Griffin, Eva F., 3508 Richmond Ave., Oakland. 1918.
- Grinnell, Geo. Bird, 238 E. 15th St., New York, N. Y. 1914.
- Grinnell, Hilda Wood, 2811 College Ave., Berkeley. 1912.
- *Grinnell, Dr. Joseph, Museum Vert. Zool., Berkeley. 1894.
- Guion, Geo. Seth, Napoleonville, La. 1911.
- Gunn, Miss Amy E., 1342 Filbert St., San Francisco. 1914.
- Gunthorp, Horace, 1525 College Ave., Topeka, Kan. 1920.
- Guthrie, Miss Esther, Woodland. 1918.
- Hadeler, E. W., Painesville, Ohio. 1918.
- Hall, Mrs. Carlotta C., 1615 La Loma Ave., Berkeley. 1915.
- Hall, Ivan C., Dept. of Hyg. and Bact., Univ. Chicago, Chicago, Ill. 1919.
- Halladay, Daniel S., R.D. 3, Box 201, Anaheim. 1910.
- Hanaford, A. W., R.D. 9, Box 700, Los Angeles. 1917.
- Hands, Frank H., Dos Cabezas, Ariz. 1920.
- Hanford, Forrest, 3825 Division St., Oakland. 1912.
- Hann, H. H., Parkdale, Ore. 1909.
- Hanna, W. C., 1000 Pennsylvania Ave., Colton. 1902.
- Harlow, Richard C., 369 Foster Ave., State College, Penn. 1919.
- Harmon, Mrs. Frances M., 2115 Estrella Ave., Los Angeles. 1912.
- Harper, Francis, Biol. Survey, Washington, D. C. 1920.
- *Harris, Harry, Post Office, Kansas City, Mo. 1914.
- Harrison, H. M., 503 Linden St., Camden, N. J. 1920.
- Hart, Cecil, R.D. 6, Box 432, Los Angeles, 1920.
- Hartman, Paul J., 1118½ Maple Ave., Los Angeles. 1917.
- Hathaway, H. S., Box 1466, Providence, R. I. 1912.
- Havemeyer, Henry O., 129 Front St., New York, N. Y. 1917.
- Hawkins, Chauncey J., 129 Fairmont St., Lowell, Mass. 1920.
- Hayes, Mrs. F. M., Box 591, Davis. 1919.
- Head, Anna, 2809 Forest Ave., Berkeley. 1912.
- Heath, Harold, 1147 Ramona St., Palo Alto. 1919.
- Hedges, Chas. F., Box 24, Miles City, Mont. 1919.
- Heineman, Oluf J., 1664 Grove St., San Francisco. 1908.
- Heller, Edmund, Amer. Museum Nat. Hist., New York, N. Y. 1894.
- Helme, Arthur H., Miller Place, Suffolk Co., N. Y. 1911.
- Henderson, Dr. H. C., Casitas Road, Carpinteria. 1919.
- Henderson, Junius, 627 Pine St., Boulder, Colo. 1909.
- Henderson, Walter C., Biol. Survey, Washington, D. C. 1918.
- Hendren, Miss Elizabeth, Occidental. 1920.
- Henshaw, Judge F. W., 762 Mills Bldg., San Francisco. 1915.
- Hersey, F. Seymour, 6 Maple Ave., Taunton, Mass. 1915.
- Hersey, L. J., Wray, Colo. 1909.
- Higgins, Elmer, 17 Bonita Ave., Long Beach. 1919.
- Hill, James H., Box 485, New London, Conn. 1919.
- Hill, Willard, Star Route, Wasco, Kern Co. 1918.
- Hoag, Mrs. G. B., Elko, Nev. 1916.

- Hoffman, Louis E., Box Cor. Benner and Shults Sts., Los Angeles. 1920.
- Hoffman, Ralph, Stockbridge, Mass. 1920.
- *Holland, Harold M., Galesburg, Ill. 1901.
- Hollister, N., Nat. Zool. Park, Washington, D. C. 1920.
- Holman, F. C., 558 Lincoln Ave., Palo Alto. 1914.
- *Hoover, Theodore J., 450 Melville Ave., Palo Alto. 1898.
- Horn, Everett E., 220 P. O. Bldg., Portland, Ore. 1919.
- Horsfall, R. Bruce, 1457 E. 18th St., Portland, Ore. 1914.
- Horsfall, Mrs. R. Bruce, 1457 E. 18th St., Portland, Ore. 1916.
- Howard, O. W., Box 484, Los Angeles. 1895.
- *Howell, A. B., 268 S. Orange Grove Ave., Pasadena. 1908.
- Howell, Arthur H., 2919 S. Dakota Ave., Washington, D. C. 1916.
- Howell, B. F., Jr., 52 Patton Ave., Princeton, N. J. 1909.
- Howes, Paul G., 91 Hope St., Stamford, Conn. 1910.
- Hubbard, S., 244 Montecito Ave., Oakland. 1912.
- Huber, Wharton, Gwynedd Valley, Pa. 1915.
- Hudson, L. W., 201 Bellview Ave., Porterville. 1917.
- Huey, Laurence, Nat. Hist Museum, Balboa Park, San Diego. 1909.
- Humphreys, E. B., 3330 Fernside Blvd., Alameda. 1919.
- Hungate, J. W., State Normal, Cheney, Wash. 1918.
- Hunt, C. J., 5847 W. Superior St., Chicago, Ill. 1919.
- Hunt, Edwin B., 4318 14th St., N. W., Washington, D. C. 1914.
- Hunt, Richard, Museum Vert. Zool., Berkeley. 1918.
- Hunter, J. S., Box 482, San Mateo. 1903.
- Husher, Mrs. Gertrude H., 821 S. Hope St., Los Angeles. 1913.
- Hussey, Roland F., Dept. of Animal Biol., Univ. Minn., Minneapolis, Minn. 1916.
- Illingsworth, J. F., Gordonvale, Cairns, N. Queensland. 1896.
- Illo, Howard C., 11th and Main Sts., Los Angeles. 1920.
- Ingersoll, Albert M., 908 F St., San Diego. 1895.
- Isham, C. Bradley, 27 W. 67th St., New York, N. Y. 1909.
- Jackson, Ralph W., R.D. 1, Cambridge, Md. 1917.
- Jackson, Thos. H., 304 N. Franklin St., West Chester, Pa. 1911.
- Jacobs, J. Warren, 404 S. Washington St., Waynesburg, Pa. 1909.
- Jacobsen, W. C., Rodent Control Div., Comm. Hort., Sacramento, Calif. 1916.
- Jay, Antonin, 1622 Pennsylvania Ave., Los Angeles. 1901.
- Jenkins, Ida G., 30 Dearborn St., Roxbury, Mass. 1914.
- Jenks, S. Herbert, 1730 N. Fair Oaks Ave., Pasadena. 1918.
- Jenney, Chas. F., 100 Gordon Ave., Hyde Park, Mass. 1917.
- Jessee, Dr. R. L., Philo, Ill. 1909.
- Jesurun, Dr. Mortimer, 443 Emerson St., Palo Alto. 1916.
- Jewett, Stanley G., 582 Bidwell Ave., Portland, Ore. 1909.
- Job, Herbert K., 291 Main St., West Haven, Conn. 1915.
- Johnson, A. C., Whittier Nat. Bank, Whittier. 1919.
- Johnson, Frank Edgar, 16 Amackassin Terrace, Yonkers, N. Y. 1911.
- Johnson, H. H., Pittsfield, Me. 1920.
- Johnson, Dr. Myrtle E., National City. 1908.
- Johnston, Ivan Murray, W. 8th St., Upland. 1920.
- Johnstone, W. B., Edgewood, B. C., Canada. 1918.
- Jonas, Coloman, 1023 Broadway, Denver, Colo. 1910.
- Jones, Dr. Lombard Carter, Falmouth, Mass. 1918.
- Jones, Dr. Lynds, Museum Oberlin Coll., Oberlin, Ohio. 1911.
- Jordan, A. H. B., Everett, Wash. 1911.
- Jordan, Dr. David Starr, Stanford University. 1902.
- Judson, W. B., 826 Washington Bldg., Los Angeles. 1894.
- Kaeding, Geo. L., Cortez, Lander Co., Nev. 1903.
- Kelley, Mrs. Harriet P., 2505 Logan St., Selma. 1917.
- Kellogg, Miss Louise, Box 248, Suisun. 1911.
- Kellogg, Ralph T., Silver City, N. M. 1916.
- Kellogg, Prof. Vernon L., Stanford University. 1901.
- Kelly, Junea W. (Mrs. G. E.), 1311 Grand St., Alameda. 1918.
- *Kennard, Frederick H., Dudley Road, Newton Centre, Mass. 1911.
- Kennedy, Clarence H., Zool. Dept., State College, West Raleigh, N. C. 1912.
- Kermode, F., Provincial Museum, Victoria, B. C., Canada. 1911.
- Keyes, Prof. Chas. R., Mt. Vernon, Iowa. 1900.
- Kibbe, A. S., 1534 Grove St., Berkeley. 1917.

- Kibbe, Bessie W. (Mrs. A. S.), 1534 Grove St., Berkeley. 1917.
- Kimball, H. H., Yuma, Ariz. 1909.
- Kirn, Albert J. B., Winslow, Ark. 1918.
- Kitchin, E. A., 4014 N. 35th St., Tacoma, Wash. 1917.
- Kittredge, Joseph, Jr., U. S. Forest Service, Washington, D. C. 1915.
- Kluegel, Mrs. Edward A., Carmel. 1916.
- Knickerbocker, Chas. K., 445 N. Sacramento Ave., Carpenter Sta., Chicago, Ill. 1905.
- Knowlton, Dr. F. H., U. S. Nat. Museum, Washington, D. C. 1910.
- Kofoed, Prof. C. A., Zool. Dept., Univ. Cal., Berkeley. 1909.
- Kohler, Louis S., 47 Wagner Place, Hawthorne, N. J. 1909.
- Krehbiel, Leonard, Upland. 1919.
- Kretzman, Prof. P. E., 3337A Oregon Ave., St. Louis, Mo. 1914.
- Kuser, John Dryden, Bernardsville, N. J. 1912.
- Kuykendall, W. A., Eugene, Ore. 1916.
- Labarthe, Jules, 85 Second St., San Francisco. 1914.
- Ladd, Harry Stephen, 4354 McPherson Ave., St. Louis, Mo. 1918.
- LaJeunesse, H. V., 2517 Webb St., Alameda. 1916.
- Lamb, Chester C., 549 W. 43d Place, Los Angeles. 1899.
- Lancashire, Mrs. J. H., 7 E. 75th St., New York, N. Y. 1911.
- Lander, Bessie M., Box 354, Exeter. 1920.
- Lane, Geo. W., Morgan Hill. 1914.
- Lano, Albert, 220 E. Lafayette Ave., Fayetteville, Ark. 1920.
- Lastreto, C. B., 260 California St., San Francisco. 1913.
- *Law, J. Eugene, Museum Vert. Zool., Berkeley. 1900.
- *Law, Laura Beatty (Mrs. J. E.), Museum Vert. Zool., Berkeley. 1915.
- Lawson, Ralph, 88 Washington Square, Salem, Mass. 1918.
- Layne, J. Gregg, 737 S. Spring St., Los Angeles. 1912.
- Leach, Frank A., 217 Hillside Ave., Piedmont. 1917.
- Ledig, Ruth A., S. Branch, Univ. Calif., Los Angeles. 1919.
- Lee, Mrs. Melicent H., El Cajon. 1920.
- Leggett, Dr. R. M., 411 Gunst Bldg., 323 Geary St., San Francisco. 1918.
- Leland, H. J., 687 Irolo St., Los Angeles. 1897.
- Leopold, Aldo, 135 S. 14th St., Albuquerque, N. M. 1916.
- Leopold, Nathan F., Jr., 4754 Greenwood Ave., Chicago, Ill. 1920.
- Libby, Miss Gretchen L., La Vina Sanatorium, La Vina. 1911.
- Lien, Carl, Clallam Bay, Wash. 1917.
- Ligon, J. Stokley, Box 131, Albuquerque, N. M. 1914.
- Lillencrantz, H. T., Rancho Las Cimas, Hollister. 1916.
- Lindsay, Dr. D. Moore, 808 Boston Bldg., Salt Lake City, Utah. 1915.
- Litsey, Jno. B., Jr., 2611 May St., Fort Worth, Tex. 1911.
- Little, Luther, 1403 Garfield Ave., S. Pasadena. 1914.
- Littlejohn, Chase, 1226 Warren St., Redwood City. 1901.
- Lombardi, Ethel, 2331 Le Conte Ave., Berkeley. 1916.
- Loomis, Leverett M., Cal. Acad. Sciences, San Francisco. 1902.
- Loring, J. Alden, Owego, Tioga Co., N. Y. 1914.
- Love, Guy, R.D. 5, Oberlin, Kan. 1913.
- Luther, Clarence H., 8 McElroy Bldg., Fayetteville, Ark. 1909.
- McAtee, W. L., Biol. Survey, Washington, D. C. 1907.
- McDuff, Esther, 555 Union Ave., San Bernardino. 1919.
- *McGregor, R. C., Bureau of Science, Manila, P. I. 1893.
- McGrew, Albert D., 5611 Stanton Ave., Pittsburgh, Pa. 1920.
- McLain, R. B., Box 132, Hollywood. 1897.
- McLean, Donald D., Coulterville. 1916.
- McLellan, Miss Mary E., 2935 Pine St., Berkeley. 1919.
- McMullen, Turner E., 551 Bailey St., Camden, N. J. 1920.
- Mackay, Miss Susan H., 2214 Dana St., Berkeley. 1920.
- Madison, Harold L., Park Museum, Providence, R. I. 1917.
- Magee, William A., Jr., R.D. Fruitvale, Box 433, Oakland. 1912.
- Mailliard, Ernest C., Federal Reserve Bank, San Francisco. 1909.
- Mailliard, John W., 230 California St., San Francisco. 1894.
- *Mailliard, Joseph, 1815 Vallejo St., San Francisco. 1895.
- Marshall, Dr. Benj. M., 2036 D St., Eureka. 1913.
- Martin, De Loach, 1223 S. Washington Ave., Marshall, Texas. 1916.
- Massey, Herbert, Ivy Lea, Burnage, Didsbury, Manchester, England. 1909.
- Mead, Mrs. Edwin B., 2618 Etna St., Berkeley. 1920.

- Meade, Grace S. (Mrs. Calvert), 6 Van Buren Court, Oakland. 1916.
- Meadows, Donald C., Smiley Hall, Claremont. 1919.
- Meeker, Jesse C. A., Box 161, Danbury, Conn. 1907.
- Meister, H. D., Wauseon, Ohio. 1909.
- Mercer, John D., 104 W. 1st St., Los Angeles. 1918.
- *Mershon, W. B., Saginaw, Mich. 1911.
- Meyer, Miss Heloise, Overlee, Lenox, Mass. 1914.
- Middleton, R. J., Jeffersonville, Pa. 1918.
- Miller, Mrs. E. C. T., 1010 Euclid Ave., Cleveland, Ohio. 1914.
- Miller, Dr. Loye Holmes, S. Branch, Univ. Calif., Los Angeles. 1905.
- Miller, Mary Mann, 5928 Hayes Ave., Los Angeles. 1920.
- Miller, W. De Witt, Amer. Museum Nat. Hist., New York, N. Y. 1909.
- Mills, Enos A., Longs Peak, Estes Park, Colo. 1914.
- Miner, Dr. H. N., Colfax, Placer Co. 1903.
- Mitchell, H. H., Prov. Museum, Normal School, Regina, Sask., Canada. 1915.
- Mitchell, Dr. Walton I., Paonia, Delta Co., Colo. 1909.
- Moffitt, James, 1818 Broadway, San Francisco. 1917.
- Moore, Miss Nellie, 122 Falcon Ave., Long Beach. 1915.
- Moore, Raymond W., 441 Emerson St., Palo Alto. 1919.
- Moore, Robert T., 46 Mansion Ave., Haddonfield, N. J. 1911.
- Moran, R. B., 1318 S. Gramercy Place, Los Angeles. 1897.
- *Morcom, G. Frean, 243 N. Coronado St., Los Angeles. 1904.
- More, R. L., Vernon, Texas. 1911.
- Morley, S. Griswold, 2535 Etna St., Berkeley. 1916.
- Mueller, Carl, Marysville. 1911.
- Mullen, James L., 614 E. 6th South St., Salt Lake City, Utah. 1915.
- Munro, J. A., Okanagan Landing, B. C., Canada. 1914.
- Murie, Olaus J., 219 7th Ave. S., Moorehead, Minn. 1913.
- Myers, Mrs. H. W., 311 N. Ave. 66, Los Angeles. 1912.
- Neff, Johnson A., Marionville, Mo. 1920.
- Nelson, Mrs. Katherine, 1419 Versailles St., Alameda. 1920.
- Newhall, Mrs. Chas. S., 2629 Piedmont Ave., Berkeley. 1916.
- Nichols, J. T., Amer. Museum Nat. Hist., New York, N. Y. 1909.
- Nicholson, Donald J., Orlando, Fla. 1911.
- Nicholson, Gordon, W. 7th St., Ontario. 1919.
- Noack, H. R., 309 Perry St., Oakland. 1901.
- Nokes, Dr. I. D., 134 W. 55th St., Los Angeles. 1914.
- Norris, Joseph Parker, Jr., 2122 Pine St., Philadelphia, Pa. 1911.
- Norris, Roy, 725 N. 10th St., Richmond, Ind. 1911.
- Norton, Arthur H., 22 Elm St., Portland, Me. 1918.
- Oberholser, Dr. Harry C., 2805 18th St., N. W., Washington, D. C. 1904.
- O'Connell, John, 425 New Call Bldg., San Francisco. 1919.
- O'Farrell, Mrs. Mabel E., 2403 F. St., San Diego. 1917.
- Ohl, H. C., McKittrick. 1913.
- Ohlendorf, W. C., 1924 Blue Island Ave., Chicago, Ill. 1910.
- Osencup, Claten, 1267 Sunset Ave., Pasadena. 1917.
- Osgood, Wilfred H., Field Museum Nat. Hist., Chicago, Ill. 1893.
- Osterhout, Geo. E., Windsor, Colo. 1915.
- Owen, Virgil W., 832 Beacon St., Los Angeles. 1896.
- Palmer, Miss Elizabeth Day, 1741 Harvard Blvd., Los Angeles. 1909.
- Palmer, R. H., The Bryant, Palo Alto. 1915.
- Palmer, Dr. T. S., 1939 Biltmore St., N. W., Washington, D. C. 1903.
- Parcell, Zulema L., 802 W. Washington St., Los Angeles. 1919.
- Parker, Herbert, South Lancaster, Mass. 1911.
- Parks, H. O., Willcox, Ariz. 1919.
- Parmenter, Henry E., Greyson Hotel, Santa Barbara. 1916.
- Paul, J. H., 1320 E. 2d St. South, Salt Lake City, Utah. 1915.
- Paul, Lucius H., 1485 North St., Rochester, N. Y. 1911.
- Peabody, Rev. P. B., Blue Rapids, Kan. 1904.
- Pearson, T. Gilbert, 1974 Broadway, New York, N. Y. 1910.
- Peck, Miss L. M., 1510 Girard St., Los Angeles. 1919.
- Peck, Morton E., 244 N. 12th St., Salem, Ore. 1909.
- Pemberton, J. R., 729 Kennedy Bldg., Tulsa, Okla. 1900.
- Pennock, Chas. J., Acad. Nat. Science, Philadelphia, Pa. 1909.
- Peyton, Lawrence, R.D. 2, Fillmore. 1909.
- Peyton, Sidney B., Sespe. 1913.
- Phelps, Frank M., 212 E. 4th St., Elyria, Ohio. 1912.

- *Philipp, Philip Bernard, 220 Broadway, New York, N. Y. 1911.
- Phillips, C. L., 5 W. Weir St., Taunton, Mass. 1915.
- Phillips, John C., Knobfields, Wenham, Mass. 1911.
- *Pierce, Wright M., Box 116, Claremont. 1902.
- Pierpont, Philip, Nordhoff. 1913.
- Pilsbury, Frank O., 1088 Main St., Walpole, Mass. 1911.
- Pitcher, Mrs. E. C., R.D. 1, Box 159, Haywards. 1920.
- Pleasants, Mrs. J. E., R.D. 3, Orange. 1900.
- Powell, Miss Helen, 2703 Dwight Way, Berkeley. 1914.
- Powell, R. A., 1459 Van Ness Ave., Fresno. 1920.
- Pratt, Helen S., 245 W. Ridgway, Eagle Rock. 1920.
- Price, A. E., Grant Park, Ill. 1905.
- Price, Mrs. Ernest B., 108 Bonita Ave., Piedmont. 1920.
- Pringle, Miss Cornelia Covington, 1705 Gough St., San Francisco. 1915.
- Purinton, Mrs. C. A., 28 Hermosa Ave., Long Beach. 1915.
- Raker, Mary E., 1484 E. Sherman St., Portland, Ore. 1919.
- Randolph, Miss Flora A., 2962 Derby St., Berkeley. 1907.
- Rankin, Edward P., Bureau of Fisheries, Washington, D. C. 1913.
- Rathbun, S. F., 305 Marion Bldg., Seattle, Wash. 1904.
- Rawson, Charles I., Oxford, Mass. 1918.
- Ray, Milton S., 29 Spear St., San Francisco. 1899.
- Reis, C. Oscar, 646 Juanita Ave., Los Angeles. 1917.
- Reynolds, L. R., 11 Ellsworth Ave., Brockton, Mass. 1913.
- Reynolds, Nephi, Wn. Arms and Sp'tg Goods Co., Salt Lake City, Utah. 1919.
- Rich, Dr. Guy C., 1820 El Cerrito Place, Hollywood. 1911.
- Rich, Selwyn, Box 55, Claremont. 1919.
- Rich, Waldo L., Saratoga Springs, N. Y. 1919.
- Richards, E. B., 128 Chester St., Grass Valley. 1909.
- Richards, Dr. T. W., Naval Hospital, Annapolis, Md. 1908.
- Richards, W. W., 1512 Broadway, Oakland. 1915.
- Richardson, W. D., 4215 Prairie Ave., Chicago, Ill. 1918.
- Richey, J. Howard, 246 Linden Ave., Long Beach. 1914.
- Richmond, Dr. Chas. W., U. S. Nat. Museum, Washington, D. C. 1904.
- Richmond, Frank, care Richmond Bros., El Centro. 1920.
- Riley, J. H., U. S. Nat. Museum, Washington, D. C. 1909.
- Rittenhouse, Prof. Samuel, Univ. S. Cal., Los Angeles. 1916.
- Ritter, Prof. W. E., LaJolla. 1901.
- Roberts, Dr. T. S., Animal Biol. Bldg., Univ. Minn., Minneapolis, Minn. 1909.
- Robertson, Howard, 157 Wilton Drive, Los Angeles. 1896.
- Robertson, John McB., R.D. 1, Box 13, Buena Park, Orange Co. 1913.
- Roe, Mrs. E. D., 744 Guerrero St., San Francisco. 1919.
- Ross, Ronald C., 1921 Kirkwood Ave., Pasadena. 1920.
- Rowley, J., 42 Plaza Drive, Berkeley. 1909.
- Rush, Lora Gertrude, 1607 Walnut St., Berkeley. 1920.
- Rust, Henry J., Box 683, Coeur d'Alene, Idaho. 1911.
- Sage, Jno H., Portland, Conn. 1910.
- Sampson, W. B., 1005 N. San Joaquin St., Stockton. 1894.
- Sanford, Dr. Leonard C., 347 Temple St., New Haven, Conn. 1915.
- Sanford, W. H., 919 W. Acacia St., Stockton. 1915.
- Saunders, Aretas A., 48 Longview Ave., Fairfield, Conn. 1909.
- Saunders, W. E., London, Ont., Canada. 1910.
- Saville, Miss Elsie M., 403 E. 8th St., Topeka, Kan. 1920.
- Schaefer, Oscar F., 669 Genesee St., Rochester, N. Y. 1917.
- Schleichert, Ernest K., Mathias Point, Va. 1919.
- Schlesinger, Mrs. Jane L., 1417 Filbert St., Oakland. 1915.
- Schneider, Fred A., 646 Emory St., San Jose. 1901.
- Schneider, J. J., Box 363, Anaheim. 1899.
- Schussler, Geo. W., 1345 Oak St., San Francisco. 1911.
- Sclater, William Lutley, 10 Sloane Court, London, S. W., England. 1909.
- Scott, Carroll DeW., 1620 7th St., San Diego. 1915.
- Sellmer, Walter B., 425 New Call Bldg., San Francisco. 1919.
- Sharp, Clarence S., Escondido. 1902.
- Sharples, Robert P., West Chester, Pa. 1911.
- Shaw, W. T., 1000 Thatuna St., Pullman, Wash. 1911.

- Shelton, Alfred C., Johnston-Shelton Co., Dayton, Ohio. 1909.
- Shepard, John Alden, 437 3d Ave., Salt Lake City, Utah. 1919.
- *Sherman, Althea R., National, via McGregor, Iowa. 1911.
- Shiras, George, 3d, Stoneleigh Court, Washington, D. C. 1914.
- Silliman, Edmund, Alisal and Ryker Sts., Salinas. 1918.
- Silliman, O. P., 220 Salinas St., Salinas. 1913.
- Simmons, George F., Univ. Texas, Austin, Texas. 1913.
- Sismey, E. D., Box 222, Penticton, B. C., Canada. 1919.
- *Skinner, M. P., Yellowstone Park, Wyo. 1915.
- Sloanaker, Jos. L., 1105 Spofford Ave., Spokane, Wash. 1910.
- Smith, Allyn G., Box 125, Redlands. 1909.
- Smith, Austin Paul, care American Consul, San Jose, Costa Rica. 1907.
- Smith, A. Russell, Mt. Carmel Ave., North Glenside, Penn. 1919.
- Smith, C. R., 563 42d Ave., San Francisco. 1917.
- Smith, Prof. Frank, 1005 W. California Ave., Urbana, Ill. 1911.
- Smith, Franklin J., Box 98, Eureka. 1913.
- Smith, Horace G., 2918 Lafayette St., Denver, Colo. 1914.
- Smith, L. E., Box 115, Sisson. 1919.
- Smyth, W. H., Fernwald, head of Dwight Way, Berkeley. 1918.
- Smyth, Mrs. W. H., Fernwald, head of Dwight Way, Berkeley. 1918.
- Snyder, Prof. J. O., Box 775, Stanford University. 1900.
- Spaulding, M. Herrick, Agr. Coll., Bozeman, Mont. 1918.
- Stafford, Walter A., 31 Park Way, Piedmont. 1917.
- Steinbeck, William, 1029 N. Hunter St., Stockton. 1897.
- Steinmetz, Frank J., 1021 Ramona St., Palo Alto. 1917.
- Stephens, T. C., Morningside College, Sioux City, Iowa. 1914.
- Stevens, Dr. J. F., 304 Funke Bldg., Lincoln, Neb. 1911.
- Stewart, Ronald M., Comox, B. C., Canada. 1920.
- Still, Donald, 735 E. 8th St., Tucson, Ariz. 1918.
- Stivers, Dr. C. G., 502 Auditorium Bldg., Los Angeles. 1914.
- Stoddard, H. L., Field Museum Nat. Hist., Chicago, Ill. 1914.
- Stone, D. D., R.D. 3, Oswego, N. Y. 1909.
- Stone, Geo. E., 1725 Le Roy Ave., Berkeley. 1912.
- Stoner, Emerson A., Box 444, Benicia. 1918.
- Storer, Miss Mary S., 467 San Pablo Ave., Fresno. 1914.
- Storer, Tracy I., Museum Vert. Zool., Berkeley. 1910.
- Stormont, W. P., 219 W. Ave. 51, Los Angeles. 1917.
- Stout, Gardner D., 129 E. 55th St., New York, N. Y. 1918.
- Streator, Clark P., 16 Mason St., Santa Cruz. 1919.
- *Strong, W. A., 41 Grand Ave., San Jose. 1912.
- Stuart, Geo. H., 3d, N. W. cor. Broad & Chestnut Sts., Philadelphia, Pa. 1913.
- Sugden, J. W., 47 S. 8th W. St., Salt Lake City, Utah. 1915.
- Swales, B. H., U. S. Nat. Museum, Washington, D. C. 1906.
- Swarth, Harry S., Museum Vert. Zool., Berkeley. 1897.
- Sweeney, Joseph A., U. S. Forest Service, Nenzel, Neb. 1912.
- Swenk, Prof. Myron Harmon, 1410 N. 37th St., Lincoln, Neb. 1916.
- Swezy, Dr. Olive, Zool. Dept., Univ. Cal., Berkeley. 1914.
- Tallman George, Box 12, Chatsworth Park. 1915.
- Tanner, V. M., Mt. Pleasant, Utah. 1919.
- Taverner, P. A., Zool. Div., Geol. Survey, Ottawa, Ont., Canada. 1909.
- Taylor, E. F., Grass Valley, Nevada Co. 1910.
- Taylor, Jesse H., 210 Myrtle Ave., Eagle Rock. 1919.
- Taylor, L. E., R.D. 2, Reno, Nev. 1897.
- Taylor, Dr. Walter P., 1428 Perry Place, N. W., Washington, D. C. 1905.
- Terrill, L. McL., 44 Stanley Ave., St. Lambert, Que., Canada. 1911.
- Test, Dr. Louis A., 629 Russell St., Lafayette, Ind. 1908.
- *Thayer, John E., Box 98, Lancaster, Mass. 1906.
- Thompson, J. Walcott, 527 E. 1st South St., Salt Lake City, Utah. 1918.
- Thompson, Thos E., 5035 Stratford Road, Los Angeles. 1919.
- Thomson, Miss Isabel A., 5939 Shafter Ave., Oakland. 1918.
- Thowless, Herbert L., 765 Broad St., Newark, N. J. 1919.
- Todd, W. E. Clyde, Carnegie Museum, Pittsburgh, Pa. 1909.
- Tonkin, George, Biol. Survey, Boise, Idaho. 1920.

- Treganza, A. O., 610 Utah Svgs. & Trust Bldg., Salt Lake City, Utah. 1907.
- Treganza, Mrs. A. O., Lemon Grove. 1915.
- Trenor, T., Box 2, Sta C., Los Angeles. 1913.
- Trescot, E. B., R.D. 4, Box 221, Petaluma. 1915.
- Tripp, Thomas M., Howardsville, Colo. 1911.
- Trumbull, J. H., 39 Farmington Ave., Plainville, Conn. 1911.
- *Tyler, John G., P. O. Box 445, Turlock. 1905.
- Tyler, Dr. Winsor M., 522 Massachusetts Ave., Lexington, Mass. 1914.
- Ufford, Elmer, Oberlin, Kan. 1917.
- Unglish, W. E., Gilroy. 1910.
- Van Denburgh, Dr. John, 240 Stockton St., San Francisco. 1916.
- Van Dyke, Mary Ames, 1545 Le Roy Ave., Berkeley. 1920.
- Van Fleet, Clark C., Box 468, Santa Rosa. 1906.
- Van Rossem, Adriaan, 3459 S. Arlington St., Los Angeles. 1909.
- *Van Straaten, H., Nederlandsche Handel, Maatschappij, Amsterdam, Holland. 1918.
- Vorhies, Chas. T., Univ. Ariz., Tucson, Ariz. 1916.
- Walker, Alex., Hemlock, Ore. 1911.
- Walker, Ernest P., 1312 E. Filmore St., Phoenix, Ariz. 1910.
- Walker, G. Raymond, R.D. 3, Murry, Utah. 1919.
- Wall, Edward, Box 554, San Bernardino. 1913.
- Warburton, Stanton, Jr., 311 Fidelity Bldg., Tacoma, Wash. 1917.
- Ward, F. H., 18 Grove Place, Rochester, N. Y. 1915.
- Warner, Charles A., 1310 Baker-Detwiler Bldg., Los Angeles. 1920.
- Warren, E. R., 1511 Wood Ave., Colorado Springs, Colo. 1909.
- Wear, Miss Winifred N., 253 Coast Ave., Fresno. 1909.
- Weber, J. A., Moore and Grand Aves., Leona, N. J. 1915.
- Webster, Mrs. Jennie E. B., Univ. Soc., 44 E. 23d St., New York, N. Y. 1918.
- Welch, L. W., 1845 Olive Ave., Long Beach. 1911.
- Wells, Gurnie, 913 4th St., Santa Rosa. 1911.
- Welsh, Joseph, Pasadena Hdw. Co., Pasadena. 1917.
- Westerfeld, Dr. Otto, 240 Stockton St., San Francisco. 1915.
- Wetmore, Alexander, Biol. Survey, Washington, D. C. 1909.
- Whalen, Mrs. Etta L., Box 640, Tulsa, Okla. 1914.
- Wheeler, Harry Edgar, Fayetteville, Ar. 1919.
- Wheeler, Mrs. J. W., 403 15th Ave. N., Seattle, Wash. 1912.
- Wheeler, Roswell S., 166 Athol Ave., Oakland. 1894.
- White, Halsted G., Museum Vert. Zool. Berkeley. 1914.
- Whitney, Miss Margaret W., 1563 N. Raymond Ave., Pasadena. 1919.
- Widmann, O., 5105 Enright Ave., St. Louis Mo. 1904.
- Wiggins, Dr. C. G., 1191 N. 9th St., Colton 1916.
- Wilder, H. E., Carlotta, Humboldt Co. 1901.
- Willard, B. G., 1619 Massachusetts Ave. Cambridge, Mass. 1910.
- Willard F. C., Farmingdale, Long Island, N. Y. 1905.
- Willett, Geo., Craig, Alaska. 1905.
- Williams, John, R.D. 9, Iowa City, Iowa. 1918.
- Williams, R. F., 218 Inwood Ave., Upper Montclair, N. J. 1919.
- Williams, Robert W., Tallahassee, Fla. 1914.
- Wilson, J. Frank, 512 E. Lemon St., Monrovia. 1915.
- Wood, Dr. Casey A., The Kingscote, Stanford University. 1916.
- Wood, Jesse J., 314 W. Mitcheltoreno St. Santa Barbara. 1912.
- Wood, Norman A., Museum Zool., Ann Arbor, Mich. 1916.
- Woodruff, Frank M., Chicago Acad. Sciences, Chicago, Ill. 1906.
- Woods, Robert S., 919 S. Bonnie Brae, Los Angeles. 1920.
- Wright, Curtis, Jr., 81 Hillcrest, Berkeley. 1916.
- Wright, Frank S., 14 Cayuga St., Auburn, N. Y. 1910.
- Wueste, Rudolph, Lower Otay Dam, Bonita. 1901.
- Wyman, L. E., Museum Hist., Sci., and Art, Los Angeles. 1908.
- Wythe, Margaret W., Museum Vert. Zool., Berkeley. 1912.
- Young, Pauline Rodgers, Canille, Santa Cruz Co., Ariz. 1918.
- Zahn, Otto J., 2115 Estrella Ave., Los Angeles. 1896.
- Zech, Miss Lillian, 335 W. Highland Ave., Redlands. 1916.
- Zerlang, John, Samoa, Humboldt Co. 1918.
- Zerlang, Lawrence, 524 W. Hawthorne St., Eureka. 1918.

For Sale, Exchange and Want Column.—Any Cooper Club member is entitled to one advertising notice in each issue free. Notices of over ten lines will be charged for at the rate of ten cents per line. For this department, address W. LEE CHAMBERS, *Eagle Rock, Los Angeles County, California.*

WANTED—Assistant Curator in the Department of Ornithology, California Academy of Sciences, Golden Gate Park, San Francisco, California. Applicant must have working knowledge of North American birds, be able to collect and prepare specimens as study skins and be thoroughly interested in the subject. Initial salary \$100.00 per month, increase after trial if satisfactory, with expenses paid while in the field. Apply to JOSEPH MAILLIARD, *Curator.*

WANTED—Will pay cash or exchange for Auk, vol. 5, no. 4; American Ornithology, vol. 6, nos. 1, 2, 3, 4, 6, 7; Ornithologist and Oologist, vols. 6 and 7, complete, vols. 11, nos. 2, 3, 4, 5, 6, 7, 8, 10, 11; vol. 12, nos. 8, 9, 10, 11; Maynard's Birds of Eastern North America; McIlwraith's Birds of Ontario, 2nd edition.—H. H. JOHNSON, *Pittsfield, Maine.*

WANTED—North American Fauna, nos. 4, 5, 7, 16, 17, 19, 20, 21, 25, 27, 28, 30. For any of these I will pay a reasonable price.—ALEX. WALKER, *Blaine, Oregon.*

WANTED—Fleas from birds' nests. For particulars apply to HON. N. CHARLES ROTHSCHILD, *Arundel House, Kensington Palace Gardens, W. 8, London, England.*

FOR SALE—Ornithologist and Oologist, vol. 6 all but numbers 8, 10 and 11; vols. 7 to 17, complete, index lacking in 7, each volume well bound; vol. 18, unbound. Also vol. 7 except number 22 (Nov., 1882) and index; and vol. 8 except numbers 4, 11 and 12. Osprey, vol. 1, numbers 1, 3, 7 and 9; vol. 2, numbers 1, 3, 6 and 7; vol. 3, number 1. Wanted to purchase—Oologist, vols. 14 to 31, and 34, unbound, or various numbers in these volumes. Wilson Bulletin, nos. 1 to 13, 15 to 29, 35 to 37, 42, 44, 46 to 66, 68, 69, 82, 83, 85, 86 and 88 to date.—R. W. WILLIAMS, *Cosmos Club, Washington, D. C.*

WANTED—Brewster's "Birds of the Cape Region of Lower California"; Belding's "Land Birds of the Pacific District"; Latin's "Oologist", vol. 4, and vol. 6, no. 4.—H. S. HATHAWAY, *Box 1466, Providence, R. I.*

FOR SALE—Six copies "History of the Birds of Kansas", by N. S. Goss; 692 pp., 35 plates, as new; \$5.50 each, delivered.—HOWACE GUNTHERP, *1525 College Ave., Topeka, Kans.*

WANTED—Ridgway's "Birds of North and Middle America", vols. 2 and 3; paper covers preferred; must be in good condition. Will pay reasonable cash price.—F. SEYMOUR HERSEY, *Taunton, Mass.*

WANTED—North American Fauna, nos. 4, 5, 7, 11, 14, 15, 16, 17, 20, 21, 23, 25, 27, 28, 29.—LAURENCE HUEY, *1703 Clay Ave., San Diego, Calif.*

The California Museum of Vertebrate Zoology would like to correspond with any students interested in the collection and preparation of osteological specimens of birds, mammals, and reptiles. Queries with regard to field and laboratory preparation of specimens will have careful attention. Correspond with J. EUGENE LAW, *Curator in Osteology, Museum of Vertebrate Zoology, Berkeley, California.*

TREBLE EXCHANGE value in other material for any sets of the raptores, my take, collected between 1895 and 1903. Any one desirous of returning such sets kindly mail copy of data to—MILTON S. RAY, *23 Belmont Ave., San Francisco, Calif.*

FOR SALE—Double-barrel 20 gauge Fox hammerless gun, absolutely new, best condition, with case, reloading tools and rod, \$35. An auxiliary for a 38 extra long shell fitted for this gun included for \$5.00 extra.—F. M. DILLE, *Valentine, Nebraska.*